

What is claimed is:

1. A moving picture file distributing device which receives
a moving picture file by uploading and stores it in storage means,
and distributes the moving picture file stored in the storage
5 means to a client by downloading, comprising:

upload buffer generating means for dynamically generating
an upload buffer for temporarily holding a moving picture file
at the time of reception for each session; and

download buffer generating means for dynamically
10 generating a download buffer for temporarily holding a moving
picture file at the time of distribution for each session.

2. A moving picture file distributing device according
15 to claim 1, comprising:

means for, after holding an entire moving picture file
in the upload buffer is completed, transferring the moving
picture file to the storage means; and

means for, after an entire moving picture file is
20 transferred to the storage means, eliminating the upload buffer,
wherein the upload buffer generating means generates an
upload buffer when uploading is started.

25 3. A moving picture file distributing device where a moving
picture file has a fragment form according to claim 1, comprising:

means for, each time holding fragments in a moving picture

file in the upload buffer by one fragment is completed,
transferring the fragments to the storage means; and

means for, after all fragments in a moving picture file
are transferred to the storage means, eliminating the upload
5 buffer,

wherein the upload buffer generating means generates an
upload buffer when uploading is started.

10 4. A moving picture file distributing device according
to claim 1, comprising:

means for, at the same time with the generation of the
download buffer, transferring a moving picture file to be
downloaded from the storage means to the download buffer; and

15 means for, after an entire moving picture file is
downloaded, eliminating the download buffer,

wherein the download buffer generating means generates
a download buffer when downloading is started.

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5. A moving picture file distributing device where a moving
picture file has a fragment form according to claim 1, comprising:

means for, at the same time with the generation of a download
buffer, transferring a moving picture file to be downloaded from
25 the storage means to the download buffer by one fragment; and

means for downloading fragments from the download buffer,
and eliminating the download buffer after all fragments in a

moving picture file are downloaded,

wherein the download buffer generating means generates
a download buffer when downloading is started.